PROJECT REPORT

Mp3 Search Engine using Knuth Morris Pratt (KMP) Algorithm

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APPROVAL and RATIFICATION PAGE

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This project report already approved and ratified by Dean of Faculty Computer Science and Supervisor on Juli 14th, 2010.

With the approval,

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STATEMENT of ORIGINALITY

Here by signed :

Name : Sugiani Giono

ID : 06.02.0005

Here by certify that this project was made by myself and not copy or plagiarizes from other people, except that in writing expressed to the other article.

If it is proven that this project was plagiarizes or copy the other, I'm ready to accept a sanction.

Semarang, July 14th, 2010

Sugiani Giono

06.02.0005

FOREWORD

Thanks a lot to God because it has been able to be completed my final project, title: Mp3 Search Engine using Knuth Morris Pratt (KMP) Algorithm. And in this opportunity, I would like to thanks to:

- My Lord, Jesus Christ that blessed me to finish my final project.
- My parents and my big family for their support, love, and pray.
- Hironimus Marlon Leong, S.Kom, M.Kom as my supervisor for helping, guiding and giving me ideas and advice in finishing this project.
- All of my beloved friends whose help and support me to finish this project, and also for people who have helped me in prayers and support.

Finally, I would like to apologize if the project is still many shortcomings. I look forward to suggestions and criticism.

Semarang, July 14th, 2010

Sugiani Giono

06.02.0005

ABSTRACT

Mp3 filenames doesn’t always same with title of song. It must be difficult when looking for Mp3 with the title wasn’t same with its filename. The songs always have any information about its singer, album names, genre, year, etc.

This application used Knuth Morris Pratt and Levenshtein Distance as an algorithm to match keyword and file Mp3. It use tree as a data structure.

This application would build one form that can search Mp3 in local folder and internet. Then, it can play mp3 and search for lyric too. It use to make searching Mp3 on local folder and on internet more easy and efficient.

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